

EasyIP Mixer

Production Switcher

ORDERING INFORMATION

999-60320-000 - Worldwide

OVERVIEW

Ideal for large classrooms and multi-camera applications, the EasyIP Mixer combines Dante audio sources and four Vaddio EasyIP cameras to deliver our easiest production switcher to date. The EasyIP Mixer revolutionizes the complex classroom A/V system, replacing expensive HDMI cable runs with category cables and saving precious time with simple video and audio routing in our intuitive web-based user interface.

Pair the EasyIP Mixer with up to four EasyIP cameras located on the network. The additional HDMI input allows you to connect a PC for simple content sharing on a platform that easily switches between sources and delivers useful picture-in-picture (PIP) layouts. Simultaneous 1080p/60 USB 3.0 and HDMI outputs allow for multipurpose video distribution. Use the EasyIP Mixer to simultaneously record to a local PC and magnify the speaker video through a room projector. Or use the USB 3.0 interface with popular videoconferencing applications – including UVC control of connected cameras.

A 4x4 Dante I/O allows for scalable networked audio to meet the needs of any application. No complicated audio routing - it's easy to pair four EasyIP CeilingMIC D Dante microphones throughout the space. In larger rooms, select from a list of dozens of Dante audio products to select the optimal audio pickup of each event. Install the EasyIP Mixer in your existing classroom by utilizing the 2-channel analog audio I/O.

Connect Vaddio trigger devices like the StepVIEW Mat to recall a library of macros built into the web-based user interface. Control PIP settings, video sources, camera position presets, and more with intuitive API integration for third party applications and control hardware. Store graphic overlays such as a company logo or speaker name to bring production quality to everyday events.

The system is based around a PoE+ network switch like the EasyIP Switch AMS-1208P or one of Luxul's PoE+ managed switches. This network switch provides the power and control capabilities for the EasyIP Cameras as well as the EasyIP CeilingMIC D microphones. Next, pair the EasyIP Mixer to the same network and pair the desired endpoints with the included web-based user interface. No expensive external processors, no costly management software tools – the whole system can be configured in minutes.

The EasyIP Mixer is the easy-to-use, cost effective device you need for your next AV over IP design.

FEATURES

- Built-in mixing of up to four EasyIP cameras, four Dante I/O, and two analog I/O.
- UVC PTZ camera control of connected cameras
- HDMI Input for switching between sources
- Outputs simultaneous USB 3.0 and HDMI out with up to 1080p/60 quality
- 4x4 Dante I/O for scalable networked audio and 2-channel analog audio I/O
- Built-in automation features allows trigger devices to control camera presets, source and more
- PIP layouts include side by side, top and bottom, and overlaid in one of four corners
- Store graphic overlays like a company logo or presenter name to add production value

BUTTON & CONNECTOR PANELS



- **Swap button** – Changes the selected input. If the PIP is turned on, this also exchanges the PIP and main image on the HDMI output.
- **PIP button** – Toggles the PIP on or off. Illuminated when the PIP is on.
- **Stream button** – Toggles the HDMI and USB stream on or off. Illuminated when the stream is available.
- **IP button** – Toggles the IP address display. Illuminated when the streams are displaying the IP address instead of video.
- **Reset button and power/status light** – Illuminated when the device has power. Blinks to indicate an error condition. Press the button to reboot the device.



- **Network/PoE+** – Power, control via web interface, and Dante audio.
- **USB 3.0** – Uncompressed video output with PCM audio for conferencing applications.
- **RS-232** – Connect to an optional third-party control system.
- **Trigger** – Connect up to five trigger devices.
- **HDMI In** – HDMI video (and audio, if available) from a connected camera or other HDMI source.
- **HDMI Out** – Output video (and audio, if available) from the selected input.
- **Audio In Mic/Line In 1 and Mic/Line In 2** – Microphone or other audio inputs. Can be configured to supply phantom power.
- **Audio Out Line Out 1 and Line Out 2** – Far-end audio from conferencing application or as configured in the audio matrix.

TECHNICAL SPECIFICATIONS

USB Stream	Video and audio; up to 1080p/60 resolution (Full HD)
Video Inputs	HDMI In, up to 1080p/60 resolution (Full HD), Pair with up to 4 EasyIP cameras
HDMI Input	Video and audio; up to 1080p/60 Resolution (Full HD)
HDMI Output	Video and audio; up to 1080p/60 Resolution (Full HD)
Picture in Picture	Top/bottom, side by side, choice of overlay in one of four corners. Available split between EasyIP stream and HDMI source
Audio Inputs	Stereo USB, Stereo HDMI, Two balanced mic/line-level inputs, 4 Dante Input Channels
Audio Outputs	Stereo USB, Stereo HDMI, Two balanced line-level outputs, 4 Dante Output Channels
Control	Browser-based user interface for configuration and administration; front panel controls for IP address toggle, power reset, and factory reset; Telnet and RS-232 for external control
USB Audio (record, playback)	2 channel (UAC), 16-bit resolution, 48 KHz sample rate
Audio Line Out	4-pin Phoenix type terminal block, Impedance: 50 ohms, Frequency response 20Hz - 20KHz, THD + noise < 0.02%, Maximum output level +12 dBu differential audio
Power Requirements	PoE+, 30W allocated, 14W typical use
Phantom Power to Microphones	48 VDC, 10 mA
Height	1.72 in. (4.4 cm)
Width	8.38 in. (21.3 cm)
Depth	6.0 in. (15.2 cm)
Weight	2.65 lb. (1.2 kg)
Operating temperature	32° to 104° F (0° to 40° C)
Storage temperature	23° to 140° F (-5° to 60° C)
Humidity (relative)	Operating and Storage: 20% to 80% non-condensing

Specifications are subject to change without notice.

WHAT'S INCLUDED

- 1 EasyIP Mixer
- 1 Half-rack mounting kit
- 6 qty. 3-position Phoenix-style connectors
- 1 qty. 3 ft. (0.9m) Cat-5 cable, black
- 1 qty. 6 ft. (1.8m) USB 3.0 Type A to Type B cable
- 1 Quick-Start Guide



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COMMERCIAL BRANDS
 Chief | Da-Lite | Middle Atlantic | Projecta | Vaddio